OVERHEAD STATIONARY ELECTROMAGNET

Dings Overhead Stationary Electromagnet

shown with 3 point suspension sling

- ☆ **20 Year Warranty** on coil burnout
- ☆ Oil expansion takes place internally
- ☆ Additional wear plate provides extra protection
- ☆ CSA approved models available
- ☆ Hazardous location models available
- ☆ Maintenance-free with no moving parts

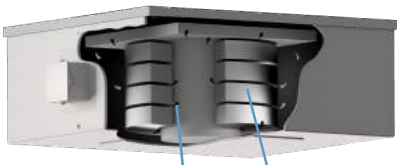
- Dings Co. Magnetic Group Overhead Stationary Electromagnets are maintenance-free with no moving parts (no lubrication, no tightening or replacing of hardware). Ferrous metals are held in place until magnet is turned off.
- Expansion of the high dielectric strength cooling oil takes place inside the magnet box. No external oil tank or additional plumbing is required. A pressure relief valve prevents moisture from entering the magnet box. The magnet is filled with cooling oil at the factory prior to shipment.

Electromagnet Coils

Dings Electromagnet coils are wound with an anodized aluminum strap, an exclusive design that generates more magnetism than any other on the market! This design outlasts and outperforms “conventional” round wire (copper, bare or anodized aluminum) coils that can lead to burnouts.

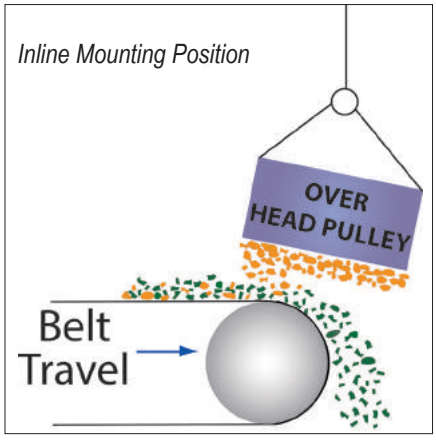
- 20-Year Warranty on coil burnout
- No insulation needed - eliminating the major cause of coil failure (insulation breakdown)
- More magnetism and separating power - generated by extra turns
- Each turn is exposed to oil-cooling (ensuring a stronger, more efficient magnet)
- Eliminates the need for external oil expansion (less pipes or tanks that can easily be damaged)
- Exceeds Class “H” insulation rating

Dings Electromagnetic Coil



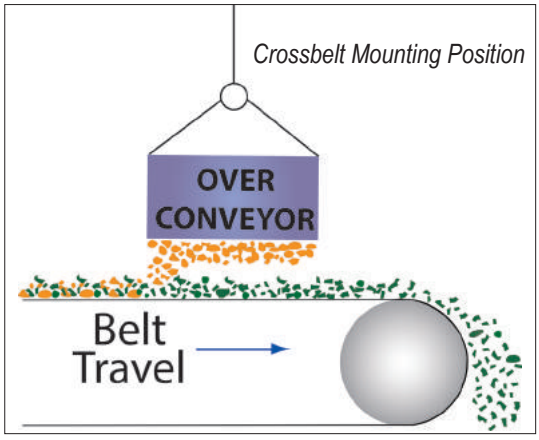
Crossbelt & Inline Mounting Positions

Inline Mounting Position



Inline installation is preferred because magnet separation efficiency is at its best when magnet is located over where conveyed material opens up during its path through air

Crossbelt Mounting Position



Inline Mounting Position: Magnet is installed over the conveyor head pulley so the magnet face is parallel to the travel direction of material falling off conveyor

Crossbelt Mounting Position: Magnet is installed over the conveyor such that magnet is at a right angle to the travel direction of the material on the conveyor.

Call Us For Expert Support of Dings Co. Magnetic Group Equipment - Regardless of Its Age